

Module: Introduction

Page: Introduction

0.1

Introduction

Please give a general description and introduction to your organization.

Caltex is an integrated oil refining and marketing company listed on the Australian Securities Exchange. Two refineries are operated at Kurnell, Sydney and Lytton, Brisbane producing approximately 50% petrol, 30% diesel and 15% jet fuel. The remainder of the production consists of fuel oil, waxes and lubricants, bitumen, sulfur, LPG and other gases. Caltex supplies these products, together with refined products purchased from the international market to the Australian market via a network of pipelines, terminals, depots and the company owned and contracted transport fleet. Caltex marketing encompasses a range of downstream activities from retail service station operations to equity and non-equity resellers and direct sales to corporate customers. Caltex operates in every state and territory of Australia.

0.2

Reporting Year

Please state the start and end date of the year for which you are reporting data.

Enter Periods that will be disclosed

Tue 01 Jul 2008 - Tue 30 Jun 2009

0.3

Are you participating in the Walmart Sustainability Assessment?

No

0.4

Modules

As part of the Investor CDP information request, electric utilities, companies with electric utility activities or assets, companies in the automobile or auto component manufacture sectors and companies in the oil and gas industry should complete supplementary questions in addition to the main questionnaire.

If you are in these sectors, the corresponding sector modules will be marked as default options to your information request.

If you have not been presented with a sector module that you consider would be appropriate for your company to answer, please select the module below. If you wish to view the questions first, please see www.cdproject.net/cdp-questionnaire.

0.5

Country list configuration

Please select the countries for which you will be supplying data. This selection will be carried forward

to assist you in completing your response.

| Select country |
|----------------|
| Australia |

0.6

Please select if you wish to complete a shorter information request.

Further Information

Attachments

Module: Governance

Page: Governance

1.1

Where is the highest level of responsibility for climate change within your company?
Board committee or other executive body

1.1a

Please specify who is responsible.

Board/Executive Board

1.1b

Select the lower level department responsible.

1.2

What is the mechanism by which the board committee or other executive body reviews the company's progress and status regarding climate change?

The Caltex Board has approved a climate change policy and action plan. The policy and action plan are currently under review. The outcome of that review and any required updates will be taken to the board for approval. Additionally, the board is provided with regular updates on climate change and Caltex's action plan.

1.3a

Please explain how overall responsibility for climate change is managed within your company.

1.3b

Please explain how overall responsibility for climate change is managed within your company.

1.4

Do you provide incentives for the management of climate change issues, including the attainment of greenhouse gas (GHG) targets?

No

1.5

Please complete the table.

| Who is entitled to benefit from those incentives? | The type of incentives |
|--|-------------------------------|
| | |

Further Information

Any employee that has responsibility for an action related to climate change, will have their performance against that responsibility evaluated annually as part of the employee's overall job performance. The performance evaluation directly links to the monetary reward of the employee.

Attachments

Module: Risks and Opportunities

Page: Risks & Opportunities Identification Process

2.1

Describe your company's process for identifying significant risks and/or opportunities from climate change and assessing the degree to which they could affect your business, including the financial implications.

Caltex maintains an enterprise wide risk management framework to identify, assess and report on risks and the controls that mitigate the exposure to the risks. Risk plans, controls and where relevant control improvements are assessed and reported on 6 monthly and reviewed annually under the framework. The business follows a decentralised, network approach within the framework for climate change risks. Managers and relevant employees have climate change related responsibilities (e.g. NGERS and EEO) and are continually reviewing climate change related developments in their own business units, for example, within Government Affairs and Media, Refining, Operational Excellence and Risk and Finance. Each business unit examines the issues and implications related to their business unit and if required, the issue is escalated as appropriate. Caltex business continuity planning and other existing systems form a set of controls to manage the physical risks of climate change.

Further Information

Attachments

Page: Regulatory Risks

3.1

Do current and/or anticipated regulatory requirements related to climate change present significant risks to your company?

Yes

Do you want to answer using:

A text box

3.2A

What are the current and/or anticipated significant regulatory risks related to climate change and their associated countries/regions and timescales?

| Risk | Region/Country | Timescale in Years | Comment |
|------|----------------|--------------------|---------|
|------|----------------|--------------------|---------|

3.2B

What are the current and/or anticipated significant regulatory risks related to climate change and their associated countries/regions and timescales?

The Australian Government introduced legislation into Parliament for a Carbon Pollution Reduction Scheme (CPRS), under which liable entities such as Caltex would require permits for greenhouse gases emitted. The impact on Caltex of the CPRS would depend primarily on its detailed design, the price of carbon and the greenhouse gas emissions of Caltex and its customers. The Government in May 2010 announced the deferral of the CPRS until 2013. If the proposed legislation is ultimately successful, the resulting detailed design and regulations are likely to have an impact on Caltex. The following outlines the impact on Caltex under the legislation as currently drafted. REFINING - Under the CPRS, oil refining would be treated as an "emissions-intensive, trade-exposed" (EITE) activity and would receive EITE assistance at the rate of either 66 or 94.5 per cent. Detailed rules would apply to the calculation of the exact number of free permits Caltex would receive as EITE assistance hence the number of permits Caltex would have to purchase would reduce. The price of permits was to be fixed at \$10 per tonne including GST in 2011-12 but determined by the market in subsequent years. The Government has estimated a carbon price in 2012-13 of \$26 per tonne of carbon dioxide excluding GST. Total greenhouse gas emissions (including indirect emissions) from Caltex's refineries in 2008-09 were 2.1 million tonnes. Assuming direct emissions are the same in 2012-13 as in 2008-09, an estimate of emission permits to be purchased is approximately 0.7 or 0.1 million tonnes, depending on the rate of EITE assistance. At \$26 per tonne of carbon dioxide, the cost of emission permits for Caltex's refineries would be approximately \$17 or \$3 million. Costs would most likely increase in subsequent years, depending on the CPRS rules and cost of emission permits. The Government has also proposed to cap carbon prices at approximately \$40 per tonne of carbon dioxide (increasing at 5 per cent pa in real terms) in the early years of the CPRS. Caltex would be unable to recover permit

costs for refinery emissions due to import competition. **MARKETING** - Caltex would have to purchase permits for its own non-refining emissions including its retail sites and supply infrastructure. However, Caltex would also be required to purchase permits for its customers' greenhouse gas emissions. Total emissions from Caltex's marketing operations (i.e. operations other than refining) are estimated at approximately 0.1 million tonnes annually. At \$26 per tonne of carbon dioxide and assuming the same 0.03 Mt of direct emissions as in 2008-09, the cost of emission permits for these operations would be approximately \$0.7 million annually. For Caltex customers' emissions Caltex would seek to recover these permit costs fully through its prices to customers. Because all competitors would face carbon costs and the petroleum products market is highly competitive, a reasonable scenario is that Caltex would fully recover its carbon costs through changes in prices to customers. However there are other scenarios involving under and over recovery of permit costs in which the recovery of permit costs cannot reasonably be quantified because the future operation of the permit market and the future reactions of competitors to CPRS-related costs are unknown. Caltex's estimated permit liability for its customers' emissions would be approximately 41 million tonnes in 2012-13, increasing over time with market growth. Based on the Government's estimated permit cost of \$26 per tonne in 2012-13, Caltex would be required to purchase permits costing approximately \$1.1 billion and would seek to recover this cost from customers. Some customers including motorists would be eligible for an excise reduction to help avoid overall increases in their fuel prices. For other Regulatory Risks and Impacts refer to the additional text box for this section.

3.3

Describe the ways in which the identified risks affect or could affect your business and your value chain.

Refer to the response under 3.2b.

3.4

Are there financial implications associated with the identified risks?

Yes

3.5

Please describe them.

Refer to the response under 3.2b.

3.6

Describe any actions the company has taken or plans to take to manage or adapt to the risks that have been identified, including the cost of those actions.

Caltex has a board approved climate change action plan, which is currently under review. Key elements of the plan include: * Understand emissions inventory methodology * Identify key drivers of emissions profile * Assess the financial and strategic impacts of existing and potential future regulation on Caltex * Physical impact on operations * Engage the Government in discussions in relation to future regulation.

3.7

Please explain why you do not consider your company to be exposed to significant regulatory risks - current and/or anticipated.

3.8

Please explain why not.

Further Information

Other Regulatory Risks and Impacts, related to questions 3.2B * The Federal Energy Efficiency Opportunities Act 2006 (EEO) is aimed at reducing energy usage by large energy using businesses that use more than 0.5 petajoules (PJ) of energy per year, which includes Caltex. EEO involves assessing energy use to identify cost effective 'opportunities' for improving energy efficiency and reporting to the Government on these assessments. Under EEO 'opportunities' are defined as energy saving products with a four year or better simple financial payback. There is no legislative mechanism to require opportunities to be implemented but there is a strong expectation that companies will implement projects which will give a two year payback. * In addition to the above Federal scheme, several states have their own programs to drive energy efficiency. * Federal Renewable Energy Targets (RET) increases electricity costs, although some concessions for EITE industries are proposed.

Attachments

Page: Physical Risks

4.1

Do current and/or anticipated physical impacts of climate change present significant risks to your company?

Yes

Do you want to answer using:

A text box

4.2A

What are the current and/or anticipated significant physical risks, and their associated countries/regions and timescales?

| Risk | Region/Country | Timescale in Years | Comment |
|------|----------------|--------------------|---------|
|------|----------------|--------------------|---------|

4.2B

What are the current and/or anticipated significant physical risks, and their associated countries/regions and timescales?

We consider Caltex to be exposed to physical risks. These risks are: *Sea level rise - Caltex owns and operates a number of facilities in Australian coastal locations which may be impacted in the future by rising sea levels, principally bunding and stormwater drainage may be impacted. *Increased frequency and/or likelihood of severe storms - if this were to occur Caltex facilities, particularly located in coastal areas may suffer an increase of severe storms and natural disasters

4.3

Describe the ways in which the identified risks affect or could affect your business and your value chain.

Any of the above may lead to a disruption in production, which would impact the delivery and availability of fuel for the customer.

4.4

Are there financial implications associated with the identified risks?

Yes

4.5

Please describe them.

Whilst there will be financial implications, they have not yet been fully assessed.

4.6

Describe any actions the company has taken or plans to take to manage or adapt to the risks that have been identified, including the cost of those actions.

Caltex business continuity planning and other existing systems form a set of controls to manage the physical risks of climate change. In addition, Caltex is continuing to monitor and investigate the physical risks resulting from climate change and determining adaption measures which may be required.

4.7

Please explain why you do not consider your company to be exposed to significant physical risks - current and/or anticipated.

4.8

Please explain why not.

Further Information

Attachments

Page: Other risks

5.1

Does climate change present other significant risks - current and/or anticipated - for your company?

Yes

Do you want to answer using:

A text box

5.2A

What are the current and/or anticipated other significant risks, and their associated countries/regions and timescales?

| Risk | Region/Country | Timescale in Years | Comment |
|------|----------------|--------------------|---------|
|------|----------------|--------------------|---------|

5.2B

What are the current and/or anticipated other significant risks, and their associated countries/regions and timescales?

Refer to question 3.2b.

5.3

Describe the ways in which the identified risks affect or could affect your business and your value chain.

Refer to question 3.2b.

5.4

Are there financial implications associated with the identified risks?

Yes

5.5

Please describe them.

Refer to question 3.2b.

5.6

Describe any actions the company has taken or plans to take to manage or adapt to the other risks that have been identified, including the costs of those actions.

Caltex continues to monitor the development of new products and technologies to determine if investment may be required.

5.7

Explain why you do not consider your company to be exposed to other significant risks - current and/or anticipated.

5.8

Please explain why not.

Further Information

Attachments

Page: Regulatory Opportunities

6.1

Do current and/or anticipated regulatory requirements related to climate change present significant opportunities for your company?

No

Do you want to answer using:

The table below

6.2A

What are the current and/or anticipated significant regulatory opportunities and their associated countries/regions and timescales?

| Opportunities | Region/Country | Timescale in Years | Comment |
|---------------|----------------|--------------------|---------|
| | | | |

6.2B

What are the current and/or anticipated significant regulatory opportunities and their associated countries/regions and timescales?

6.3

Describe the ways in which the identified opportunities affect or could affect your business and your value chain.

6.4

Are there financial implications associated with the identified opportunities?

6.5

Please describe them.

6.6

Describe any actions the company has taken or plans to take to exploit the opportunities that have been identified, including the investment needed to take those actions.

6.7

Explain why you do not consider your company to be presented with significant opportunities - current and/or anticipated.

Regulatory requirements do not present opportunities for Caltex.

6.8

Please explain why not.

Further Information

Attachments

Page: Physical Opportunities

7.1

Do current and/or anticipated physical impacts of climate change present significant opportunities for your company?

No

Do you want to answer using:

The table below

7.2A

What are the current and/or anticipated significant physical opportunities and their associated countries/regions and timescales?

| Opportunities | Region/Country | Timescale in Years | Comment |
|----------------------|-----------------------|-------------------------------|----------------|
| | | | |

7.2B

What are the current and/or anticipated significant physical opportunities and their associated countries/regions and timescales?

7.3

Describe the ways in which the identified opportunities affect or could affect your business and your value chain.

7.4

Are there financial implications associated with the identified opportunities?

7.5

Please describe them.

7.6

Describe any actions the company has taken or plans to take to exploit the opportunities that have been identified, including the investment needed to take those actions.

7.7

Explain why you do not consider your company to be presented with significant opportunities - current and/or anticipated.

We do not believe physical changes will present significant opportunities for our company.

7.8

Please explain why not.

Further Information

Attachments

Page: Other Opportunities

8.1

Does climate change present other significant opportunities - current and/or anticipated - for your company?

Yes

Do you want to answer using:

A text box

8.2A

What are the current and/or anticipated other significant opportunities and their associated countries/regions and timescales?

| Opportunities | Region/Country | Timescale in Years | Comment |
|---------------|----------------|--------------------|---------|
|---------------|----------------|--------------------|---------|

8.2B

What are the current and/or anticipated other significant opportunities and their associated countries/regions and timescales?

Climate change may present other opportunities for Caltex. The need to reduce the use of fossil fuels as a response to climate change has increased the interest of State and Federal Governments in biofuels, particularly ethanol and biodiesel, which can reduce greenhouse gas emissions from petroleum fuels. Governments are also interested in biofuels as a means of increasing fuel supply security. Whilst Caltex does not manufacture biofuels, it is already a significant marketer of biofuels and also LPG which creates lower (than petrol) greenhouse gas emissions.

8.3

Describe the ways in which the identified opportunities affect or could affect your business and your value chain.

These alternative fuels present opportunities in the marketing operations of Caltex's business. There are also potential opportunities to provide climate change services to customers, such as bundling carbon permits with petroleum products.

8.4

Are there financial implications associated with the identified opportunities?

Yes

8.5

Please describe them.

The financial implications of these opportunities have not been fully assessed.

8.6

Describe any actions the company has taken or plans to take to exploit the opportunities that have been identified, including the investment needed to take those actions.

Caltex already has approximately 400 service stations that have been equipped to sell E10, gasoline with 10% ethanol which reduces the greenhouse gas emissions per litre of E10 consumed. In March 2010 Caltex announced that it was participating in a consortium that will investigate the viability of establishing Australia's first ethanol plant capable of turning materials such as household waste and building waste into more than 200 million litres of ethanol a year. The intention is for this ethanol to be blended into an alternative fuel known as EFlex; a mixture of up to 85% ethanol and 15% regular petrol. Holden, a member of the consortium has committed to having locally built Holden cars capable of running on EFlex in the market by 2010. Caltex has similarly committed to installing pumps in 30 metropolitan and regional service stations in 2010, increasing to 100 within 12 months to enable the sale of EFlex.

8.7

Explain why you do not consider your company to be presented with significant opportunities - current and/or anticipated.

8.8

Please explain why not.

Further Information

Attachments

9.1

Please describe how your overall group business strategy links with actions taken on risks and opportunities (identified in questions 3 to 8), including any emissions reduction targets or achievements, public policy engagement and external communications.

Caltex is committed to addressing the serious issue of climate change by working with the government to develop effective policies to reduce emissions. Caltex supports setting a national goal for reducing greenhouse gas emissions. This goal should be determined and adjusted from time to time on the basis of the best available science. Caltex has made numerous submissions in regard to climate policy which can be found in the attached link.

<http://www.caltex.com.au/CommunityAndEnvironment/Pages/ClimateChange.aspx>

Further Information

Attachments

9.2

Do you have a current emissions reduction target?

No

9.3

Please explain why not and forecast how your Scope 1 and Scope 2 emissions will change over the next 5 years. (If you do not have a target)

Our company has a number of energy and efficiency targets at an operational level but does not have an overall emissions reduction target. Scope 1 and Scope 2 emissions from existing facilities will not change significantly over the next 5 years.

9.4

Please give details of the target(s) you are developing and when you expect to announce it/them. (If you are in the process of developing a target)

9.5

Please explain if you intend to set a new target. (If you have had a target and the date for completing it fell within your reporting year, please answer questions 9.5 and 9.6)

| 1. Action s - please describe | 2. Annual energy saving | 3. Annual energy savings - number | 4. Annual energy saving - units | 5. Annual emission reduction in metric tonnes CO2-e | 6. Reduction - achieved or anticipated | 7. Investment - number | 8. Investment - currency | 9. Monetary savings - number | 10. Monetary savings - currency | 11. Monetary savings | 12. Timescale of actions & associated investments (if relevant) |
|--|-------------------------|-----------------------------------|---------------------------------|---|--|------------------------|--------------------------|------------------------------|---------------------------------|----------------------|---|
| <p>implemented and reported on abatement actions to reduce GHG emissions and energy use through the Greenhouse Challenge Program. The first report was made in 1997 for the calendar year 1 January 1996 to 31 December 1996. In 2007 Caltex registered under the Australian Energy Efficiency Opportunities</p> | | | | | | | | | | | |

| 1. Action s - please describe | 2. Annual energy saving | 3. Annual energy savings - number | 4. Annual energy saving - units | 5. Annual emission reduction in metric tonnes CO2-e | 6. Reduction - achieved or anticipated | 7. Investment - number | 8. Investment - currency | 9. Monetary savings - number | 10. Monetary savings - currency | 11. Monetary savings | 12. Timescale of actions & associated investments (if relevant) |
|---|-------------------------|-----------------------------------|---------------------------------|---|--|------------------------|--------------------------|------------------------------|---------------------------------|----------------------|---|
| program for energy use at the refineries. | | | | | | | | | | | |
| Refineries Caltex continues to strive to make energy savings since they were first operated and continues to do so, with a full time Energy Engineer at both Lytton and Kurnell facilities committed to this task. In 2008 a detailed analysis of energy use at the Caltex refineries and assessment of | | | | | | | | | | | |

| 1. Actions - please describe | 2. Annual energy saving | 3. Annual energy savings - number | 4. Annual energy saving - units | 5. Annual emission reduction in metric tonnes CO2-e | 6. Reduction - achieved or anticipated | 7. Investment - number | 8. Investment - currency | 9. Monetary savings - number | 10. Monetary savings - currency | 11. Monetary savings | 12. Timescale of actions & associated investments (if relevant) |
|--|-------------------------|-----------------------------------|---------------------------------|---|--|------------------------|--------------------------|------------------------------|---------------------------------|----------------------|---|
| <p>savings opportunities was made and reported through the Australian Energy Efficiency Opportunities program. Several potential energy savings opportunities were determined and these are undergoing further assessment.</p> | | | | | | | | | | | |
| <p>Caltex continues to strive for energy savings across its operations. Activities include: *</p> | | | | | | | | | | | |

| 1. Actions - please describe | 2. Annual energy saving | 3. Annual energy savings - number | 4. Annual energy saving - units | 5. Annual emission reduction in metric tonnes CO2-e | 6. Reduction - achieved or anticipated | 7. Investment - number | 8. Investment - currency | 9. Monetary savings - number | 10. Monetary savings - currency | 11. Monetary savings | 12. Timescale of actions & associated investments (if relevant) |
|---|-------------------------|-----------------------------------|---------------------------------|---|--|------------------------|--------------------------|------------------------------|---------------------------------|----------------------|---|
| <p>Efficient fleet management * Trialing and where appropriate installing energy saving features in retail sites such as reflective window films, efficient refrigeration units (especially door design), efficient canopy lighting *</p> <p>Energy saving features for new offices. The corporate office opened in December 2006 and included</p> | | | | | | | | | | | |

| 1. Action s - please describe | 2. Annual energy saving | 3. Annual energy savings - number | 4. Annual energy saving - units | 5. Annual emission reduction in metric tonnes CO2-e | 6. Reduction - achieved or anticipated | 7. Investment - number | 8. Investment - currency | 9. Monetary savings - number | 10. Monetary savings - currency | 11. Monetary savings | 12. Timescale of actions & associated investments (if relevant) |
|-----------------------------------|-------------------------|-----------------------------------|---------------------------------|---|--|------------------------|--------------------------|------------------------------|---------------------------------|----------------------|---|
| motion sensor activated lighting. | | | | | | | | | | | |

9.8

Please explain why not.

9.9

Please provide any other information you consider necessary to describe your emission reduction activities.

N/a

9.10

Do you engage with policy makers on possible responses to climate change including taxation, regulation and carbon trading?

Yes

9.11

Please describe.

Caltex has engaged extensively with policy makers and other stakeholders in relation to climate change and in particular, the proposed Carbon Pollution Reduction Scheme legislation. Submissions to various Parliamentary committees can be found on the Caltex website www.caltex.com.au

Further Information

Attachments

10.1

Please indicate the category that describes the company, entities, or group for which Scope 1 and Scope 2 GHG emissions are reported.

Companies over which operational control is exercised

10.2

Are there any sources (e.g. facilities, specific GHGs, activities, geographies, etc.) of Scope 1 and Scope 2 emissions within this boundary which are not included in your disclosure?

No

10.3

Please complete the following table.

| Source | Scope | Explain why the source is excluded |
|--------|-------|------------------------------------|
|--------|-------|------------------------------------|

Further Information

Our company reports in accordance with the National Greenhouse and Energy Reporting Act 2007.

Attachments

11.1a

Please give the name of the standard, protocol or methodology you have used to collect activity data and calculate Scope 1 and Scope 2 emissions and/or describe the procedure you have used (in the text box in 11.1b below).

Please select the published methodologies that you use.

Australia - National Greenhouse and Energy Reporting Act

11.1b

Please describe the procedure that you use.

The methodology used is described in the National Greenhouse and Energy Reporting (Measurement) Technical Guidelines 2008 v1.1.

11.2

Please also provide the names of and links to any calculation tools used.

Please select the calculation tools used.

NGER Calculator: Oscar Extension

11.3

Please give the global warming potentials you have applied and their origin.

| Gas | Reference | GWP |
|-----|-----------|-----|
|-----|-----------|-----|

11.4

Please give the emission factors you have applied and their origin.

| Fuel/Material | Emission Factor | Unit | Reference |
|---------------|-----------------|------|-----------|
|---------------|-----------------|------|-----------|

Further Information

Details of questions 11.3 and 11.4 are reflected in Caltex NGERs reporting.

Attachments

Page: Emissions Scope 1 - (1 Jul 2008 - 30 Jun 2009)

12.1

Please give your total gross global Scope 1 GHG emissions in metric tonnes of CO2-e.

1887665

¿

Is question 12.2 relevant to your company?

Yes

12.2

Please break down your total gross global Scope 1 emissions in metric tonnes CO2-e by country/region.

| Country | Scope 1 Metric tonnes CO2-e |
|-----------|-----------------------------|
| Australia | 1887665 |

12.3

Please explain why not.

12.4

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 1 emissions by business division. (Only data for the current reporting year requested.)

| Business Division | Scope 1 Metric tonnes CO2-e |
|----------------------------|-----------------------------|
| Refining Business Division | 1862080 |
| Other Business Divisions | 25585 |

12.5

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 1 emissions by facility. (Only data for the current reporting year requested.)

| Facilities | Scope 1 Metric tonnes CO2-e |
|------------------|-----------------------------|
| Total Facilities | 1887665 |

¿

Is question 12.6 relevant to your company?

No

12.6

Please break down your total gross global Scope 1 emissions by GHG type. (Only data for the current reporting year requested.)

| GHG Type | Scope 1 Emissions (Metric tonnes) | Scope 1 Emissions (Metric tonnes CO2-e) |
|----------|-----------------------------------|---|
| | | |

12.7

Please explain why not.

Total emissions reported under NGERs requirements.

¿

Is question 12.8 relevant to your company?

No

12.8

Please give the total amount of fuel in MWh that your organization has consumed during the reporting year.

12.9

Please explain why not.

Total emissions reported under NGERs requirements.

¿

Is question 12.10 relevant to your company?

No

12.10

Please complete the table by breaking down the total figure by fuel type.

| Fuels | MWh |
|-------|-----|
| | |

12.11

Please explain why not.

Total emissions reported under NGERs requirements.

12.12

Please estimate the level of uncertainty of the total gross global Scope 1 figure that you have supplied in answer to question 12.1 and specify the sources of uncertainty in your data gathering, handling, and calculations.

| Uncertainty Range | Main sources of uncertainty | Please expand on the uncertainty in your data |
|-------------------|-----------------------------|---|
| | | |

Further Information

Uncertainty not determined for 08/09 emissions as was not required by NGERs.

Attachments

Page: Emissions Scope 2 - (1 Jul 2008 - 30 Jun 2009)

13.1

Please give your total gross global Scope 2 GHG emissions in metric tonnes of CO2-e.

326605

¿

Is question 13.2 relevant to your company?

Yes

13.2

Please break down your total gross global Scope 2 emissions in metric tonnes of CO2-e by country/region.

| Country | Metric tonnes CO2-e |
|-----------|---------------------|
| Australia | 326605 |

13.3

Please explain why not.

13.4

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 2 emissions by business division. (Only data for the current reporting

year requested.)

| Business division name | Metric tonnes CO ₂ -e |
|----------------------------|----------------------------------|
| Refining Business Division | 262517 |
| Other Business Divisions | 64088 |

13.5

Where it will facilitate a better understanding of your business, please also break down your total gross global Scope 2 emissions by facility. (Only data for the current reporting year requested.)

| Facility name | Metric tonnes CO ₂ -e |
|------------------|----------------------------------|
| Total facilities | 326605 |

¿

Is question 13.6 relevant to your company?

No

13.6

How much electricity, heat, steam, and cooling in MWh has your organization purchased for its own consumption during the reporting year?

| Please supply data for these energy types. | MWh |
|--|-----|
| | |

13.7

Please explain why not.

Total Scope 2 emissions are reported under NGERs.

13.8

Please estimate the level of uncertainty of the total gross global Scope 2 figure that you have supplied in answer to question 13.1 and specify the sources of uncertainty in your data gathering, handling, and calculations.

| Uncertainty range | Main sources of uncertainty in your data | Please expand on the uncertainty in your data. |
|-------------------|--|--|
|-------------------|--|--|

Further Information

Uncertainty not determined for 08/09 emissions as was not required by NGERs.

Attachments

Page: Emissions Scope 2 Contractual

14.1

Do you consider that the grid average factors used to report Scope 2 emissions in question 13 reflect the contractual arrangements you have with electricity suppliers?

Don't know

14.2

You may report a total contractual Scope 2 figure in response to this question. Please provide your total global contractual Scope 2 GHG emissions figure in metric tonnes CO2-e.

14.3

Explain the origin of the alternative figure including information about the emission factors used and the tariffs.

14.4

Has your organization retired any certificates, e.g. Renewable Energy Certificates, associated with zero or low carbon electricity within the reporting year or has this been done on your behalf?

No

14.5

Please provide details including the number and type of certificates.

| Type of certificate | Number of certificates | Comments |
|---------------------|------------------------|----------|
|---------------------|------------------------|----------|

Further Information

Attachments

Page: Emissions Scope 3

¿

Is question 15.1 relevant to your company?

No

15.1

Please provide data on sources of Scope 3 emissions that are relevant to your organization.

| Sources of Scope 3 emissions | Metric tonnes of CO2-e | Methodology | If you cannot provide a figure for a relevant source of Scope 3 emissions, please describe the emissions. |
|------------------------------|------------------------|-------------|---|
|------------------------------|------------------------|-------------|---|

15.2

Please explain why not.

Caltex does not currently calculate Scope 3 emissions.

Further Information

Attachments

Page: Emissions 7

16.1

Does the use of your goods and/or services enable GHG emissions to be avoided by a third party?

Yes

16.2

Please provide details including the anticipated timescale over which the emissions are avoided, in which sector of the economy they might help to avoid emissions and their potential to avoid emissions.

Caltex offers several automotive biofuels products to customers. - B2, B5 and B20 biodiesel (diesel with 2%, 5% or 20% biodiesel respectively). - E10 unleaded gasoline (regular unleaded gasoline with 10% ethanol). Using emission factors for transport fuels from the Australian National Energy and Greenhouse Reporting scheme, customers can make the following reductions in their Scope 1 GHG emissions from transport fuels: B2 : 51.61kg CO2-e saved per kilolitre B2 replacing conventional diesel. B5 : 129.03 kg CO2-e saved per kilolitre B5 replacing conventional diesel. B20 : 516.10kg CO2-e saved per kilolitre B20 replacing conventional diesel. E10 Unleaded : 230.08kg CO2-e saved per kilolitre E10 replacing conventional gasoline.

¿

Is question 17.1 relevant to your company?

No

17.1

Please provide your total carbon dioxide emissions in metric tonnes CO2 from the combustion of biologically sequestered carbon i.e. carbon dioxide emissions from burning biomass/biofuels.

17.2

Please explain why not.

This is not relevant as Caltex does not have emissions from burning biomass/biofuels.

Further Information

Attachments

Page: Emissions 8

18.1a

Please describe a financial intensity measurement for the reporting year for your gross combined Scope 1 and Scope 2 emissions.

If you do not consider a financial intensity measurement to be relevant to your company, select "Not relevant" in column 5 and explain why in column 6.

| Figure for Scope 1 and Scope 2 emissions | GHG units | Multiple of currency unit | Currency unit | Financial intensity metrics | Please explain if not relevant. Alternatively provide any contextual details that you consider relevant to understand the units or figures you have provided. |
|--|-----------|---------------------------|---------------|-----------------------------|---|
|--|-----------|---------------------------|---------------|-----------------------------|---|

18.1b

Please describe an activity-related intensity measurement for the reporting year for your gross combined Scope 1 and Scope 2 emissions.

Oil and gas sector companies are also asked to report activity-related intensity metrics in answer to table O&G1.3.

If you do not consider an activity-related intensity measurement to be relevant to your company, select "Not relevant" in column 3 and explain why in column 4.

| Figure for Scope 1 and Scope 2 emissions | GHG units | Activity-related metrics | Please explain if not relevant. Alternatively provide any contextual details that you consider relevant to understand the units or figures you have provided. |
|--|-----------------|--------------------------|---|
| | Kilograms CO2-e | | Refining emissions intensity is reported as per Kg CO2-e per Kilolitre of production |
| | Kilograms CO2-e | | Supply and marketing emissions intensity is reported as per Kg CO2-e per kilolitre of product sold |

19.1

Do the absolute emissions (Scope 1 and Scope 2 combined) for the reporting year vary significantly compared to the previous year?

No

19.2

Please explain why they have varied and why the variation is significant.

20.1A

Please complete the following table indicating the percentage of reported emissions that have been verified/assured and attach the relevant statement.

| Scope 1 (Q12.1) | Scope 2 (Q13.1) | Scope 3 (Q15.1) |
|--------------------|--------------------|--------------------|
| | | |

20.1B

I have attached a external verification statement that covers the following scopes:

Further Information

Caltex's NGER submission was procedurally reviewed by an external auditor.

Attachments

Page: Emissions 9 Trading

21.1

Do you participate in any emission trading schemes?

No, we don't participate nor do we currently anticipate participating in any emissions trading scheme within the next two years.

21.2

Please complete the following table for each of the emission trading schemes in which you participate.

| Scheme name | Period for which data is supplied. | Allowances allocated | Allowances purchased | Verified emissions - number | Verified emissions - units | Details of ownership |
|-------------|--|----------------------|----------------------|-----------------------------|----------------------------|----------------------|
| | Mon 01 Jan 0001 - Mon 01 Jan 0001 | | | | | |

21.3

What is your strategy for complying with the schemes in which you participate or anticipate participating?

21.4

Has your company originated any project-based carbon credits or purchased any within the reporting period?

No

21.5

Please complete the following table.

| Credit origination or credit purchase? | Project identification | URL link to project documentation | Verified to which standard? | Number of credits (metric tonnes of CO ₂ -e) | Credits retired? | Purpose e.g. compliance |
|--|------------------------|-----------------------------------|-----------------------------|---|------------------|-------------------------|
| | | | | | | |

Further Information

While we do not participate in any emissions trading scheme and it is not Caltex's intention to do so within the next two years, this decision may be varied depending on the outcome of the Carbon Pollution Reduction Scheme and the requirement to comply with any other legislation that may be introduced by the Government.

Attachments

Module: Climate Change Communications

Page: Communications 1

22.1

Have you published information about your company's response to climate change/GHG emissions in other places than in your CDP response?

Yes

22.2

In your Annual Reports or other mainstream filing? *(If so, please attach your latest publication(s).)*

Yes

22.3

Through voluntary communications such as CSR reports? *(If so, please attach your latest publication(s).)*

No

Further Information

Caltex comments extensively on climate change issues through submissions to parliament, statutory reporting, meetings, company publications, website, speeches and the media. Annual reports and other submissions in relation to Caltex's response to climate change can be found at our website, www.caltex.com.au

Attachments